

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/014569

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01H33/70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 420 662 A (NIEMEYER LUTZ ET AL) 13 December 1983 (1983-12-13)	1-7,9,10
Y	column 2, line 54 - column 4, line 50; figures 1-3	8,11,12
X	US 4 445 019 A (GAUPP OSVIN ET AL) 24 April 1984 (1984-04-24)	1,5
Y	column 2, line 6 - line 48; figure 1	11
A		2-4, 6-10,12
X	US 3 364 327 A (CROMER CHARLES F) 16 January 1968 (1968-01-16)	1-5
Y	column 3, line 22 - line 35; figure 3	8
A		6,7,9-12
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

15 March 2005

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24/03/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	DE 880 338 C (LICENTIA GMBH) 22 June 1953 (1953-06-22)	1-3
A	page 2, column 1, line 35 - line 73; figure 1 -----	4-12
Y	US 4 707 576 A (SEBALJ RENATA ET AL) 17 November 1987 (1987-11-17) figure 1 -----	12
Y	US 4 418 255 A (HESS RUEDIGER ET AL) 29 November 1983 (1983-11-29) column 2, line 47 - line 59; figure 1 -----	12

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Information on patent family members

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